

# Integrated Base Sounder

## IBSOU-DD-P01, IBSOU-DD-P02

- **ADM loop technology with System Sensor/200 protocol**
- **Can be activated with two different tone types, 32 tone types selectable**
- **Sound level selectable in three steps – up to 95dB(A)**
- **Low power consumption**
- **Versions with or without integrated dual-isolator available**
- **Two base types available – IP24, IP44**



### Description

The loop powered sounder incorporates a detector base and is fitted into a round, white plastic case. It is powered and actuated as a module through the ADM loop with System Sensor/200 protocol. Fire Detectors Series 200 can be fitted into the integrated base.

The sounder can be activated by a Fire Detection Control Panel Series BC216 with two different tone types, depending on the parameter setup. One of 32 different tone type combinations can be selected with a DIL-switch. The following tones are available, for example:

- Continuous tone 660Hz,
- Emergency signal according to DIN 33404,
- Slow whoop tone according to NEN 2575,
- Alternating tone 800/970Hz, and many more.

The sound level can be selected in 3 steps. The address of the sounder is selected with two decadic rotary switches located at the bottom of the device.

The base sounder is designed for indoor surface mounting. For this purpose a special base is needed. Two different base types for protection classes IP24 or IP44 are available, depending on the application. An optional mounting plate can be supplied for surface mounted cabling.

The sounder is available in two different versions: With or without integrated dual-isolator module.

### Specifications

Operating voltage	Supply through loop voltage
Sound level (detector installed)	typ. 70dB(A) at 1m distance (low) typ. 79dB(A) at 1m distance (medium) typ. 87dB(A) at 1m distance (high) max. 95dB(A) at 1m distance (high)
Ambient temperature	-25°C to +70°C
Dimensions ø × H	112 × 42 (mm) (without detector, incl. base LPBW)
Weight	134g
Colour	cream, RAL 9001



#### Loop sounder without isolator

Current consumption from loop	max. 450µA (sounder off) max. 1.9mA (low sound level) max. 3.1mA (medium sound level) max. 6.8mA (high sound level)
Approval	VdS G206072
Order number	355164
Order name	Sounder with Base/200/White/Multitone IBSOU-DD-P01

#### Loop sounder with isolator

Current consumption from loop	max. 450µA (sounder off) max. 2.1mA (low sound level) max. 3.3mA (medium sound level) max. 7.0mA (high sound level)
Approval	VdS G206076
Order number	355165
Order name	Sounder with Base/200ISM/White/Multitone IBSOU-DD-P02

## Base and accessories

For surface mounting of the sounder, two different base types with protection classes IP24 or IP44 are available.  
For surface mounted cabling with base LPBW, an optional mounting plate is available.



## Specifications

#### Base IP24

Order number	359040
Order name	Base Sounder & Strobe/IP24/White LPBW

#### Base IP44

Order number	359043
Order name	Base Sounder & Strobe/IP44/White SDBW

#### Mounting plate for surface mounted cabling with base LPBW, 5 Pieces

Order number	359049
Order name	Mounting Plate for Sounder/200/5 pcs. DBSPD/5